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Eugenix® Indigenous Ecology
Great American Lakes Critical Water Supply

Abstract.

The **Great Lakes Water Distribution Program** is an international humanitarian and ecological initiative designed to deliver critical water support to regions facing severe scarcity, including **India, Arabia, and multiple African nations**, where climate-driven shortages threaten public health, food security, and long-term stability. The program prioritizes **critically affected persons outside the United States**, ensuring equitable access to clean water through sustainable long-distance distribution channels and cooperative international agreements.

Within North America, the program reinforces **indigenous, non-modified farming systems in the USA and Mexico** and supports **non-slaughter indigenous animal farming**, safeguarding native breeds from cross-breeding pressures and climate-incompatible species introductions. These measures strengthen ecological resilience, preserve cultural agricultural knowledge, and protect wildlife systems that depend on stable water availability.

All operational profits generated by the Great Lakes Water Distribution Program are reinvested into two major reinforcements of global sustainability and Indigenous sovereignty:

- **Tiered Fee Water Recycling System** — a scalable infrastructure model that reduces waste, increases local water independence, and ensures long-term affordability for vulnerable communities.
- **Eugenix P.S.A. Arcticus Blancus Indigenous Programs** — advancing ecological restoration, cultural preservation, and Indigenous-led governance and education frameworks across multiple regions.

Together, these components form a unified strategy: delivering emergency water to those in greatest need, strengthening Indigenous ecological systems, and financing long-term water resilience technologies that support both human and environmental futures.

1. Introduction.

The Great American Lakes represent one of the most critical freshwater reserves on the planet—an interconnected ecological engine sustaining Indigenous nations, regional communities, agricultural systems, and cross-border environmental stability. This document establishes the *Eugenix® Indigenous Ecology framework* for safeguarding these waters through culturally grounded stewardship, scientific rigor, and long-term ecological governance. It recognizes the Lakes not merely as hydrological features but as living entities whose health determines the resilience of surrounding ecosystems, food systems, and Indigenous cultural continuity. The purpose of this text is to define actionable protections, outline Indigenous ecological rights, and establish standards for responsible use, restoration, and monitoring across all jurisdictions touching the Lakes. Great lakes of America located in the Northeast USA and Southeast Canada stretch on over 230,000 km2.

2. Water Supply.

The Great American Lake System St. Lawrence River has a mean annual outflow/discharge from Lake Ontario (the outlet of the Great Lakes) of approximately 7,400 to 7,500 cubic meters per second (m^3/s). This equals roughly **233 to 237 cubic kilometers (km^3) of water total per year.** The combined annual freshwater usage for the agricultural industries in the United States and Mexico is approximately **227 to 230 cubic kilometers (km3) per year.**

United States Agriculture Water Use: ~160 to 163 km3 per year.

According to data tracked by the U.S. Geological Survey (USGS) and the USDA Economic Research Service, the U.S. agricultural sector withdraws roughly 118 billion gallons of freshwater per day for irrigation and livestock. Agriculture accounts for roughly **42% of all total U.S. freshwater withdrawals,** though it makes up over 80% to 90% of total *consumptive* water use (water that evaporates or is built into products rather than returned to local watersheds).

United States Data Center Water Use: ~0.227 km^3 per year (60 billion gallons)

The U.S. houses over 4,000 data centers, accounting for more than a third of the world's total infrastructure. According to data tracked by the Lawrence Berkeley National Laboratory, these facilities consumed over **60 billion gallons or ~0.227 km3** for on-site cooling alone. With the exponential demand for generative AI training and deployment, this is projected to skyrocket to over 72 billion gallons (**~0.275 km³**). Eugenix P.S.A. plans to supply water to Data Centers if needed.

Mexico Agriculture Water Use: ~67 km3 per year.

Data published by Mexico's National Water Commission (CONAGUA) indicates that the country has a total **annual water concession of roughly 88 km3.** Of that pool, **irrigated agriculture utilizes 76% of the nation's freshwater** resources.

Mexico Data Centers Water Use: ~0.019 km³ per year.

Mexico has emerged as a major data center hub—particularly in the state of Querétaro—due to a massive influx of cloud and near-shoring AI investments. Market research reports from groups like Mordor Intelligence calculate Mexico's data center water consumption is at **18.76 billion liters or ~0.019 km3.** Eugenix P.S.A. plans to supply water to Data Centers if needed.

If the Great American Lakes were to be drained for the purpose of critical water supply every year of **1 meter of water,** it would provide **136 liters of water to 4,000,000,000 people every single day of the year.** This one meter of water would most likely be replenished in the great lakes during the annual **rainfall that averages from 700 mm to 1200 mm** that is about **28 inches to 47 inches annually**. If the water level in the lakes would drop, the property owners would benefit in extra shoreline property.

3. Water Destinations.

33% of water drawn from the Great American Lakes should serve as critical supply for overseas places in critical need such as Africa, Arabia, India. **33% of the water should be** provided to natural wildlife territories of local indigenous species that live along in the areas that will be served with water from the Great American Lakes. **The remaining 33% of the water drawn** from the Great Lakes should serve for:

a. Indigenous unmodified non-Monsanto farming crops in USA and Mexico

b. Non-slaughter indigenous animal farming with plans to protect indigenous animal breeds from cross breeding with other animal races and breeding species of animals from other climates in USA and Mexico.

Eugenix P.S.A. believes that: slaughter rules are subject to indigenous group rules of individual indigenous climate zones and related to ***Indigenous NIC*** - *Nature Indigenous Connection, Count and Control,* that sustains biodiversity of all indigenous species in individual's indigenous climate zones.

4. Water Delivery.

Water to farms and other water demanding establishments can be delivered via various means of delivery based on the planned water path and usage location thru water paths that utilize:

a. **Standard Steel Pipelines** – providing water to individual farms and counties,
b. **New Steel-Glass Pipelines** - providing water to individual farms and counties,
c. **Natural River Basins** - flowing in the natural current direction,
d. **Constructed Water Basins** - pumped against natural current direction,
e. **Underground Tunnels -** bored tunnels along multi-pitch geology to lower pumping demand, outfitted using glass-plastic-steel tunnel lining to increase water quality, lower cost and progress with high strength glass technology.
f. **Marine Transport -** water to critically affected communities under UN support.

5. Water Consumption.

A survey of all Lands in USA and Mexico should be conducted to check usage and water demand by state, county, farm, property and farm industry. The survey would also help to determine general interests in long term water contracts and all other details that would help to determine water way's locations and types of farming that could be supported and cannot be supported by the Arcticus Blancus indigenous water supply.

6. Water Corridors.

All workers that would be involved in the manufacture or installation of pipelines and infrastructures, construction of water ways, excavation of the ground, removal of solid bedrock by

explosives would have to be covered by **Eugenix P.S.A. Indigenous Heritage Protection** program that allow Arcticus Blancus and all other indigenous persons and groups to sustain its heritage, economy and ecology.

Eugenix P.S.A. program of providing a supply of water from the Great American Lakes can be directed to into existing main river basins such as the Rio Grande River and the Colorado River. The river basins can be utilized besides and instead of man-made water corridors and pipelines that stretch from Great Lakes to ends of USA and Mexico to save natural resources of land and those involved in the process of construction and save financial costs involved in the process of development of the waterways infrastructure that will result in faster delivery of the water to arid agricultural regions.

7. Water Ownership.

Since part of the Great Lakes are under Canada management the water supply access is perfect opportunity to establish climate borders of lower Arcletic territories that set approximately 100% of the great lakes water under one indigenous management. To learn more about climate borders please review Eugenix® Indigenous Territories - Permanent Protection Plan.

8. Water Oversight.

Water from the Great American Lakes as a Critical water supply is reserved only for UN member states that purchase **Eugenix P.S.A. full shares or full shares deposits (1%)** that cover the cost of Eugenix P.S.A. Company indigenous climate repair programs proceeded by the Antarctic Ice sale aimed to finance the construction of Eugenix P.S.A Temporary Geomagnetic Dam in Canada and later permanent Dam in the center of the Arctic.

9. Water Price.

Eugenix P.S.A. has set the water price to be exactly same as the water from all other Eugenix P.S.A. programs such as the Antarctic Ice Removal Program, Greenland Technology Testing Water Source and Caspian Sea Critical Water Supply which is one (1) ounce of Gold for 100,000 cubic meters of water. 230,000 km2 of water at 1 meter high is about 230 trillion cubic meters of water a year or about **2,300,000 ounces of gold annually.**

Annual water supply of 230 km3 provided by this Eugenix P.S.A. Great American Lakes critical water program would raise Eugenix P.S.A. and Arcticus Blancus **2,300,000 ounces of gold annually** equal to **10 billion dollars per year** at gold price equal to **~4350 dollars per ounce.**

10. Water Profits.

Part of the profits from the sale of Great American Lakes critical water supply would be used for **Tier 1 Fee of the Tiered Fee Water Recycling System** that monitors and tracks all water usage by all public and private entities across all areas where the water is delivered **in the Rafaltic/Aquatic Territories and lowered Arcletic territories.** Eugenix P.S.A. proposed similar system for the petro-polymers and petro-chemicals in the petition to the European Union titled *Eugenix® EU Petition for Tiered Recycling Fee System*.

Rest of the profits from the sale of Great American Lakes critical water supply would benefit all Arcticus Blancus indigenous peoples involved in the Eugenix P.S.A. programs – that make climate repair and water solutions possible especially, repatriation programs, reservation programs, education programs, health care and fertility programs.

11. Claim Notice.

It is Eugenix P.S.A. and Arcticus Blancus official indigenous believe that all natural geological and natural biological resources held by ground or by seas in the Arcletic territories on both hemispheres should not be used without Arcticus Blancus Eugenix P.S.A. written permit and proforma invoice.

All Arcleticus resources are under Eugenix P.S.A Arcticus Blancus indigenous ownership. Eugenix P.S.A. document titled *Eugenix® Indigenous Territories - Natural Resources Management and Dividend Rules* and *Eugenix® Indigenous Territories - Indigenous Management Division* are valid on entire Arcleticus territory of both hemispheres equal to 33% of the earth, 170,000,000 km2. Climate based division is the only way to sustain world indigenous groups, their unique resources and responsibilities towards each other and towards earth.

Great American Lakes are comparatively the same size as the state of Colorado – enough fresh water annually (230 km3) (60 trillion gallons) until climate is repaired.

A significant portion of the **water can be directed to the natural river basins such as the Rio Grande River and the Colorado River basin** to speed up the ability to provide critical supply of water to arid agriculture which possibly allow to eliminate a lot of water ways construction projects otherwise necessary. **The Colorado River basin** contains more than **43,000 miles (approx. 69,200 kilometers)** of named streams and tributaries. The main trunk of the river itself accounts for 1,450 miles of that total. **The Rio Grande River main stem** is approximately 1,896 miles (3,051 km) long. **The Lower Rio Grande/Rio Bravo watershed** comprises a total area of 17,000 square miles (44,000 km2), of which, big portion drains into closed watersheds.

K Pawlak

Godeo Optimo Maximo
Arctic Magnetic Earth Naturalist
Arctic Mankind Extinction Noticed
Antarctic Mass Excavation Nonetheless

Founder and Board President of
Eugenix P.S.A. - Simple Shares Corporation of
Arcticus Blancus - Indigenous Polar Hair Tribe.

Great American Lakes Critical Water Supply Program:

Drawing of Open Canals and Pipelines General Directions.